



OIPE

RAW SEQUENCE LISTING

DATE: 04/30/2004

PATENT APPLICATION: US/09/966,724B

TIME: 10:39:42

Input Set : A:\1107_00193.txt

Output Set: N:\CRF4\04302004\I966724B.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: BURRELL, MARILEE

7 HILL, DAVID E.

8 KINZLER, KENNETH W.

9 VOGELSTEIN, BERT

11 (ii) TITLE OF INVENTION: AMPLIFICATION OF HUMAN MDM2 GENE IN

12 HUMAN TUMORS

14 (iii) NUMBER OF SEQUENCES: 5

16 (iv) CORRESPONDENCE ADDRESS:

17 (A) ADDRESSEE: BANNER, BIRCH, MCKIE AND BECKETT

18 (B) STREET: 1001 G STREET, N.W.

19 (C) CITY: WASHINGTON

20 (D) STATE: D.C.

21 (E) COUNTRY: USA

22 (F) ZIP: 20001

24 (v) COMPUTER READABLE FORM:

25 (A) MEDIUM TYPE: Floppy disk

26 (B) COMPUTER: IBM PC compatible

27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

30 (vi) CURRENT APPLICATION DATA:

C--> 31 (A) APPLICATION NUMBER: US/09/966,724B

C--> 32 (B) FILING DATE: 01-Oct-2001

33 (C) CLASSIFICATION:

35 (viii) ATTORNEY/AGENT INFORMATION:

36 (A) NAME: KAGAN, SARAH A.

37 (B) REGISTRATION NUMBER: 32,141

38 (C) REFERENCE/DOCKET NUMBER: 01107.42798

40 (ix) TELECOMMUNICATION INFORMATION:

41 (A) TELEPHONE: 202-508-9100

42 (B) TELEFAX: 202-508-9299

43 (C) TELEX: 197430 BBMB UT

Does Not Comply
Corrected Diskette Needed

(pg. 3-4)

ERRORED SEQUENCES

528 (2) INFORMATION FOR SEQ ID NO: 5:

530 (i) SEQUENCE CHARACTERISTICS:

531 (A) LENGTH: 489 amino acids

532 (B) TYPE: amino acid

533 (D) TOPOLOGY: linear

535 (ii) MOLECULE TYPE: protein

RAW SEQUENCE LISTING

DATE: 04/30/2004

PATENT APPLICATION: US/09/966,724B

TIME: 10:39:43

Input Set : A:\1107_00193.txt

Output Set: N:\CRF4\04302004\I966724B.raw

```

537      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
539 Met Cys Asn Thr Asn Met Ser Val Ser Thr Glu Gly Ala Ala Ser Thr
540      1              5              10              15
542 Ser Gln Ile Pro Ala Ser Glu Gln Glu Thr Leu Val Arg Pro Lys Pro
543              20              25              30
545 Leu Leu Leu Lys Leu Leu Lys Ser Val Gly Ala Gln Asn Asp Thr Tyr
546              35              40              45
548 Thr Met Lys Glu Ile Ile Phe Tyr Ile Gly Gln Tyr Ile Met Thr Lys
549              50              55              60
551 Arg Leu Tyr Asp Glu Lys Gln Gln His Ile Val Tyr Cys Ser Asn Asp
552      65              70              75              80
554 Leu Leu Gly Asp Val Phe Gly Val Pro Ser Phe Ser Val Lys Glu His
555              85              90              95
557 Arg Lys Ile Tyr Ala Met Ile Tyr Arg Asn Leu Val Ala Val Ser Gln
558              100             105             110
560 Gln Asp Ser Gly Thr Ser Leu Ser Glu Ser Arg Arg Gln Pro Glu Gly
561              115             120             125
563 Gly Ser Asp Leu Lys Asp Pro Leu Gln Ala Pro Pro Glu Glu Lys Pro
564              130             135             140
566 Ser Ser Ser Asp Leu Ile Ser Arg Leu Ser Thr Ser Ser Arg Arg Arg
567      145             150             155             160
569 Ser Ile Ser Glu Thr Glu Glu Asn Thr Asp Glu Leu Pro Gly Glu Arg
570              165             170             175
572 His Arg Lys Arg Arg Arg Ser Leu Ser Phe Asp Pro Ser Leu Gly Leu
573              180             185             190
575 Cys Glu Leu Arg Glu Met Cys Ser Gly Gly Thr Ser Ser Ser Ser Ser
576              195             200             205
578 Ser Ser Ser Glu Ser Thr Glu Thr Pro Ser His Gln Asp Leu Asp Asp
579      210             215             220
581 Gly Val Ser Glu His Ser Gly Asp Cys Leu Asp Gln Asp Ser Val Ser
582      225             230             235             240
584 Asp Gln Phe Ser Val Glu Phe Glu Val Glu Ser Leu Asp Ser Glu Asp
585              245             250             255
587 Tyr Ser Leu Ser Asp Glu Gly His Glu Leu Ser Asp Glu Asp Asp Glu
588              260             265             270
590 Val Tyr Arg Val Thr Val Tyr Gln Thr Gly Glu Ser Asp Thr Asp Ser
591              275             280             285
593 Phe Glu Gly Asp Pro Glu Ile Ser Leu Ala Asp Tyr Trp Lys Cys Thr
594              290             295             300
596 Ser Cys Asn Glu Met Asn Pro Pro Leu Pro Ser His Cys Lys Arg Cys
597      305             310             315             320
599 Trp Thr Leu Arg Glu Asn Trp Leu Pro Asp Asp Lys Gly Lys Asp Lys
600              325             330             335
602 Val Glu Ile Ser Glu Lys Ala Lys Leu Glu Asn Ser Ala Gln Ala Glu
603              340             345             350
605 Glu Gly Leu Asp Val Pro Asp Gly Lys Lys Leu Thr Glu Asn Asp Ala
606              355             360             365
608 Lys Glu Pro Cys Ala Glu Glu Asp Ser Glu Glu Lys Ala Glu Gln Thr
609              370             375             380

```

RAW SEQUENCE LISTING

DATE: 04/30/2004

PATENT APPLICATION: US/09/966,724B

TIME: 10:39:43

Input Set : A:\1107_00193.txt

Output Set: N:\CRF4\04302004\I966724B.raw

611 Pro Leu Ser Gln Glu Ser Asp Asp Tyr Ser Gln Pro Ser Thr Ser Ser
612 385 390 395 400
614 Ser Ile Val Tyr Ser Ser Gln Glu Ser Val Lys Glu Leu Lys Glu Glu
615 405 410 415
617 Thr Gln His Lys Asp Glu Ser Val Glu Ser Ser Phe Ser Leu Asn Ala
618 420 425 430
620 Ile Glu Pro Cys Val Ile Cys Gln Gly Arg Pro Lys Asn Gly Cys Ile
621 435 440 445
623 Val His Gly Lys Thr Gly His Leu Met Ser Cys Phe Thr Cys Ala Lys
624 450 455 460
626 Lys Leu Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln Pro Ile
627 465 470 475 480
629 Gln Met Ile Val Leu Ser Tyr Phe Asn
630 485
E--> 633 1

delete

VERIFICATION SUMMARY

DATE: 04/30/2004

PATENT APPLICATION: US/09/966,724B

TIME: 10:39:44

Input Set : A:\1107_00193.txt

Output Set: N:\CRF4\04302004\I966724B.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:633 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5